



Building Affordable Housing with Mass Timber

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Organization: Sustainable Northwest
Hacienda Community Development Group

Country of Publication: United States

Application: Wood Building Systems

Topic: Market and Adoption

Keywords: Mass Timber
Residential Buildings
Life Cycle Analysis
Project Financing
Affordable Housing

Research Status: In Progress

Summary:

Sustainable Northwest (SNW) and Hacienda Community Development Group (HCDC), both based in Oregon, have proposed a plan to demonstrate pathways for building affordable housing with regionally sourced mass timber. In response to the region's housing shortage, the partners' proposal demonstrates the use of mass timber products while supporting efforts to educate stakeholders on wood product companies and forest restoration. The project outlines a plan to explore financing options, build one or more prototypes, and perform a structural material life cycle analysis.